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INSPEC K.G.

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Inspec - 1969 to date (INZZ)

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Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	kumar-a\$	unrestricted	3931	<a href="#">show titles</a>
2	INZZ	1 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	1	<a href="#">show titles</a>
3	INZZ	yu-\$	unrestricted	3760	<a href="#">show titles</a>
4	INZZ	3 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	0	-
5	INZZ	burgess-s\$	unrestricted	90	<a href="#">show titles</a>
6	INZZ	5 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	1	<a href="#">show titles</a>
7	INZZ	singh-j\$	unrestricted	1965	<a href="#">show titles</a>
8	INZZ	7 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	10	<a href="#">show titles</a>
9	INZZ	8 AND (cancer\$ OR malignant)	unrestricted	1	<a href="#">show titles</a>
10	INZZ	laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs	unrestricted	215	<a href="#">show titles</a>
11	INZZ	10 AND (cancer\$ OR malignant)	unrestricted	1	<a href="#">show titles</a>

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- Inspec thesaurus - browse headings A-G
- Inspec thesaurus - browse headings H-Q
- Inspec thesaurus - browse headings R-Z
- Inspec thesaurus - enter a term
- Classification codes A: Physics, 0-1

# EAST Search History

EAST + INTERFERENCE K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6609	(libs laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:06
L3	27725	(detect\$ determin\$ analyz\$ measur\$) near4 (cancer\$4 malignant)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:06
L4	408	2 and 3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:57
L5	50204	in near vivo	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:58
L6	274	4 and 5	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:58
L7	453	(libs laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/07 17:58
L8	37	3 and 5 and 7	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/07 17:59
L9	151	(laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:01
L10	2	3 and 9	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:01
L11	1388	(detect\$ determin\$ analyz\$ measur\$) near4 (cancer\$4 malignant)	EPO; JPO	OR	ON	2006/04/07 18:02
L12	325	(libs laser near induced near (breakdown break near down) near spectro\$)	EPO; JPO	OR	ON	2006/04/07 18:02
L13	0	11 and 12	EPO; JPO	OR	ON	2006/04/07 18:02
L14	1	akshaya near kumar	EPO; JPO	OR	ON	2006/04/07 18:03
L15	3	akshaya near kumar	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03
L16	3	fang near yu near yueh	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03
L17	0	16 and cancer	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03

## EAST Search History

L18	0	fang near yu near yueh	EPO; JPO	OR	ON	2006/04/07 18:04
L19	1	shane near burgess	EPO; JPO	OR	ON	2006/04/07 18:04
L20	1	shane near burgess	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:05
L21	13	jagdish near singh	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:05
L22	7	jagdish near singh	EPO; JPO	OR	ON	2006/04/07 18:05
L23	130	((libs laser near induced near (breakdown break near down) near spectro\$)).clm.	US-PGPUB	OR	ON	2006/04/07 18:06
L24	2673	((detect\$ determin\$ analyz\$ measur\$) same (cancer\$4 malignant)).clm.	US-PGPUB	OR	ON	2006/04/07 18:06
L25	1	23 and 24	US-PGPUB	OR	ON	2006/04/07 18:06

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## Scholar

Results 1 - 2 of 2 for cancer libs author:"kumar". (0.06 seconds)

Tip: Try removing quotes from your search to get more results.

### Characterization of malignant tissue cells by laser-induced breakdown spectroscopy - group of 5 »

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
... 4. Conclusions This is the first LIBS application to our knowledge to explore  
the possibility of using LIBS for cancer de- tection. ...

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### Structural and functional characterization of EMF-10, a heterodimeric disintegrin from Eristocophis ... - group of 2 »

... , JJ Calvete, S Vijay-Kumar, MM Marcinkiewicz, M ... - Biochemistry, 1999 - ncbi.nlm.nih.gov  
... Sol Sherry Thrombosis Research Center, Fels Research Institute for Cancer and Molecular ...  
and caused expression of a ligand-induced binding site (LIBS) on the ...

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## Scholar

Results 1 - 1 of 1 for cancer libs author:"yu-yueh". (0.05 seconds)

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Characterization of malignant tissue cells by laser-induced breakdown spectroscopy - group of 5 »

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
... 4. Conclusions This is the first LIBS application to our knowledge to explore  
the possibility of using LIBS for cancer de- tection. ...

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Results 1 - 1 of 1 for **cancer libs author:"burgess"**. (0.05 seconds)

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[Characterization of malignant tissue cells by laser-induced breakdown spectroscopy - group of 5 »](#)

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
... 4. Conclusions This is the first LIBS application to our knowledge to explore  
the possibility of using LIBS for cancer de- tection. ...

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## Scholar

Results 1 - 1 of 1 for **cancer libs author:"singh"**. (0.03 seconds)

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**Characterization of malignant tissue cells by laser-induced breakdown spectroscopy - group of 5 »**

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
... 4. Conclusions This is the first LIBS application to our knowledge to explore  
the possibility of using LIBS for cancer de- tection. ...

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cancer OR cancerous OR malignant "laser induced breakdown spectroscopy" "in vivo"

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## Scholar Results 1 - 10 of about 17 for cancer OR cancerous OR malignant "laser induced breakdown spectroscopy" "in vivo"

### Laser-induced fluorescence used in localizing atherosclerotic lesions

S Andersson-Engels, A Gustafson, J Johansson, U ... - Lasers in Medical Science, 1989 - Springer  
... For some years, **malignant** tumours have been iden ... vessel walls in animal experiments  
in vivo and human stu ... of detection systems for localizing **cancer** tissue, as ...

Cited by 5 - Web Search

### Nondestructive analysis of tablet coating thicknesses using terahertz pulsed imaging - group of 3 »

AJ Fitzgerald, BE Cole, PF Taday - Journal of Pharmaceutical Sciences, 2005 - doi.wiley.com  
... the water content of the **cancerous** tissue when ... and uniformity on tablets using **laser induced breakdown spectroscopy**. ... and spectroscopy of human skin, in-vivo. ...

Cited by 3 - Web Search

### Applications of Laser Spectroscopy - group of 2 »

C Fotakis, S Svanberg - Europhysics News, 1998 - Springer  
... Basal cell carcinoma, note the non-**cancerous** brown spot ... applied for early detection  
of **malignant** tumours and ... of an image processed for **cancer** detection possible ...

Cited by 1 - Web Search

### Characterization of malignant tissue cells by laser-induced breakdown spectroscopy - group of 5 »

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
... Elemental Ratio Normal Tissue Malignant Tissue LIBS I Ratio ... of trace elements in  
cancer kidney tissues ... Elemental analysis of colorectal **cancerous** samples using ...  
Web Search - BL Direct

### 57 Applied Spectroscopy Abstracts

IPOS C Algorithm - Appl. Spectrosc, 2003 - sas.org  
... **Laser-induced breakdown spectroscopy** (LIBS) is examined as a potential ... associate  
with early stage **malignant** lesions, suggesting ... early stage oral **cancer** lesions ...  
Cached - Web Search

### 184/CLEO'S7/TUESDAY AFTERNOON - group of 2 »

JB Ashcom, NM Lawandy, BL Volodin, DD Steele, B ... - ieeexplore.ieee.org  
... Furthermore, treatment of internal **cancer** sites is necessarily ... 2-D images of in vivo  
and in ... Waterloo Road, Hong Kong **Laser-induced breakdown spectroscopy** as an ...  
Web Search

### U2: COMBINED ULTRASONIC MICROSCOPY AND ULTRAFAST OPTICS FOR MOLECULAR IMAGING AND THERAPY - group of 2 »

MO'Donnell, C Tse, M Zohdy, T Erpelding, K ... - ieeexplore.ieee.org  
... one for efficient, robust, programmable molecular detection generally applicable  
to in vivo systems [1-16 ... exist in both the serum of patients with **cancer** and on ...  
Web Search

### SC182-Biomedical Optical Diagnostics and Sensing

T Huser - biophotonics.ucdavis.edu

... In vivo Bioluminescence imaging ... Page 38. **Laser-induced breakdown spectroscopy** (LIBS) ...  
Cancer is characterized by cells that grow uncontrollably - even in the ...  
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### Laser microprobe mass analysis: a review of applications in the life sciences. - group of 2 »

AH Verbueken, FJ Bruynseels, RE Van Grieken - Biomed Mass Spectrom, 1985 - doi.wiley.com

... air using the emission spectra generated by the repetitive electrode- less laser

spark in so-called time-resolved **laser-induced breakdown spectroscopy (LIBS)**. ...

Cited by 2 - Web Search

[book] Optics and Lasers in Biomedicine and Culture

C Fotakis, T Papazoglou, C Kalpouzos - 2000 - books.google.com

... **Laser Induced Breakdown Spectroscopy** in the Analysis of Pig ... Ratio Imaging Technique  
in Malignant Brain Tumours 250 ... In vivo Measurement of the Optical Properties ...

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